PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450

Customer No. 24498

Alexandria, Virginia 22313-1450 or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEB and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block I for any change of eddress)

24498 7590 12/06/2011 Robert D. Shedd, Patent Operations THOMSON Licensing LLC P.O. Box 5312 Princeton, NJ 08543-5312



Note: A certificate of mailing can only be used for domestic mailings of the Pes(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile trunsmitted to the USPTO (571) 273-2885, on the date indicated below.

Adele Izzo	(Depositor's rame	
alch typi	(Signature)	
12/22/11	(Dule)	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/590,558	08/24/2006	Wen Gao	PU040061	8611

TITLE OF INVENTION: METHOD AND APPARATUS FOR ROBUST AUTOMATIC FREQUENCY CONTROL IN CDMA SYSTEMS WITH CONSTANT PILOT SIGNALS

APPLN, TYPE	SMALL ENTITY	issue fee due	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1740	\$300	\$0	\$2040	03/06/2012
EXAI	MINER	ART UNIT	CLASS-SUBCLASS] .		
GUARIN	o, rahel	2611	375-148000	-		
PR 1.363). Change of corres Address form PTO/S "Fee Address" in PTO/SB/47; Rev 03- Number is required ASSIGNEB NAME /	dication (or "Fee Address 02 or more recent) attach l. AND RESIDENCE DATA alcas an assignee is ident th in 37 CPR 3.11. Com	inge of Correspondence "Indication form ed. Use of a Customer A TO BE PRINTED ON ified below, no assigned pletion of this form is NO	or agents OR, alternation (2) the name of a single registered automety or a 2 registered patent actor listed, no name will be THE PATENT (print or type data will appear on the payr a substitute for filing and (B) RESIDENCE: (CITY	2 registered patent attorn vely, a firm (having as a memb agent) and the names of up meys or agents. If no nam printed.	er a 2 Rober: o to e ls 3 lentified below, the docu	t D, Shedd t B, Levy ment has been filed in
ease check the approp	riste assignee category or	caregories (will not be p	rinted on the patent):	Individual Corporati	on or other private group	entity Governm
a. The following fee(s) I leave Fee Publication Fee (Advance Order -	No small entity discount p		The Director is hereby	se first reapply any prev d. Form PTO-2038 is stac authorized to charge the s sit Account Number	thed. required fee(s), any defici	ency, or credit any
_ •	stos (from status indicate ns SMALL ENTITY statu			ger claiming SMALL ENT		

interest as shown by the records of the United States Patant and Trademark Office

Authorized Signature	har	ur	ne 1	wage	ž_
Typed or printed name			Chaima		

Date Registration No. 410

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CPR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Tradomark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450. Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

23/2011

070832

E E E

888

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Customer No. 24498 or Fax (571)-273-2885 INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Paton, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "PEE ADDRESS" for notifications of the corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "PEE ADDRESS" for maintenance fee notifications Note: A certificate of mailing can only be used for domestic mailings of the Pec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block I for any change of address) 12/06/2011 24498 Certificate of Mailing or Transmission Robert D. Shedd, Patent Operations I hereby certify that this Pee(8) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class small in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. THOMSON Licensing LLC P.Q. Box 5312 Princeton, NJ 08543-5312 DEC 2 2 2011 Adele Izzo (Deportsor's PRINC (Signature محد PRADFINARY FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE R611 PU040061 08/24/2006 Wen Gao 10/590,558 TITLE OF INVENTION: METHOD AND APPARATUS FOR ROBUST AUTOMATIC PREQUENCY CONTROL IN COMA SYSTEMS WITH CONSTANT PILOT SIGNALS PUBLICATION PEE DUB PREV. PAID ISSUE FEE TOTAL PEE(S) DUE DATE DUS ISSUE FEE DUE APPLN. TYP6 SMALL ENTITY \$1740 \$300 \$2040 03/06/2012 NO nonprovisional CLASS-SUBCLASS **EXAMINER** ART UNIT GUARINO, RAHEL 2611 375-148000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list Robert D. Shedd (1) the names of up to 3 registered patent attorneys Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, Robert B. Levy (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. Tree Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filled for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filling an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Boulogne-Billancourt, FRANCE Thomson Licensing ☐ Individual ☐ Corporation or other private group entity ☐ Government Please check the appropriate assignes category or categories (will not be printed on the patent): 4a. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) K Issue Fee A check is enclosed, 🗖 Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 1-08-32 (enclose an extra copy of this form). Advance Order • # of Copies 5. Change in Entity Status (from status indicated above) 🖵 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Pee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attornay or agent; or the assignee or other party in interest as shown by the records of the United States Parant and Trademark Office. Authorized Signature Typed or printed name Registration No. ____42,410

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patont and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.